

a layer of opaque material overlying the layer of photochromic material; and

one or more apertures through the layer of opaque material.

**20.** An apparatus as claimed in claim **19**, wherein the photochromic material undergoes a reversible change in color while exposed to ultraviolet light.

**21.** An apparatus as claimed in claim **19**, wherein the photochromic material is configured such that, when the photochromic material is exposed to only artificial light produced by the artificial light source, the photochromic material is translucent to the artificial light, and the photochromic material is configured such that, when the photochromic material is exposed to natural sunlight, the photochromic material absorbs the natural sunlight such that the photochromic material appears dark.

**22.** An apparatus as claimed in claim **19**, wherein the photochromic material changes from a transparent state to a black colored state in sunlight.

**23.** An apparatus as claimed in claim **19** wherein the layer of opaque material is colored white.

**24.** An apparatus as claimed in claim **19** wherein the layer of opaque material is covered by a transparent overcoat.

**25.** An apparatus as claimed claim **19** comprising a paint layer between the layer of opaque material and the layer of photochromic material.

**26.** An apparatus as claimed in claim **25**, wherein the paint layer is semi-transparent white.

**27.** An apparatus as claimed in claim **25**, wherein the paint layer is back-lit by the artificial visible light source.

**28.** An apparatus as claimed in claim **19**, wherein the photochromic material is a paint layer supported by a substrate.

**29.** An apparatus as claimed in claim **28**, the layer of photochromic material contacts the layer of opaque material.

**30.** An apparatus as claimed in claim **28**, wherein the paint layer is semi-transparent white.

**31.** An apparatus as claimed in claim **28**, wherein the paint layer is back-lit by the artificial visible light source.

**32.** A method comprising:

providing an artificial visible light source;

providing a layer of photochromic material as a filter for the artificial light produced by the artificial light source; and

providing a layer of opaque material, with one or more apertures through the layer of opaque material, as a mask for the filtered artificial light.

**33.** A method as claimed in claim **32**, wherein the photochromic material undergoes a reversible change in color while exposed to ultraviolet light.

**34.** A method as claimed in claim **32**, wherein the photochromic material is configured such that, when the photochromic material is exposed to only artificial light produced by the artificial light source, the photochromic material is translucent to the artificial light, and the photochromic material is configured such that, when the photochromic material is exposed to natural sunlight, the photochromic material absorbs the natural sunlight such that the photochromic material appears dark.

**35.** A method as claimed in claim **32**, wherein the photochromic material changes from a transparent state to a black colored state in sunlight.

**36.** A method as claimed in claim **32**, wherein the artificial visible light source does not produce ultraviolet light.

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